

November-18-13 8:48:39 AM



Page 1

Accept

Setup Start *NS1*

Stop *NS2*

Start Date: 11/18/13 **Start Qty:** 3.00 ***3***

Cust Item ID:

Required Date: 11/18/13 **Req'd Qty:** 3.00 ***3***

Customer:

Reference: rework

Approvals: Process Plan: Date: Tooling: Date:

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3805

B U R

0.00

0.00

150

Small Fab

Small Fab

Memo

PULL FROM STK:

2 X D3805-047 B77585

1 X D3805-045 B88968

REMOVE GASKET - DISCARD

REMOVE ADHESIVE/CLEAN PROPERLY

160

QC5- Inspect part completeness to step on W/O	0.00
---	------

160

OC

Quality Control

Memo

0.00

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: *[Signature]*

Date: 13/12/19

QA Closed: *[Signature]*

Date: 13/12/18

Work Order: <u>109267</u> Part No. <u>D3805-047</u> NCR No. <u>13-3341</u>	DISPOSITION Rework <input checked="" type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input checked="" type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input checked="" type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input checked="" type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data	13/12/13	150	1	USE Rockguard 4715A, 0.020-0.040 thick, instead of gasket. PC Design change Engineering.	DAS 12 9-89 13/12/13	Acceptable deviation. Minor change based on similar FAA approved wearplates. DAS 12 9-89 13/12/13	DAS 12 9-89 13/12/13	m/n 13/11/21	m/n 13/11/21
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input checked="" type="checkbox"/> Other <u>Design Change</u>

Work Order ID 109267

109267

Page 3

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Item ID: D3805-047

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Wearplate Ass'Y Aft High Gear

Start Date: 11/18/13 Start Qty: 3.00 *3*

Cust Item ID:

Required Date: 11/18/13 Req'd Qty: 3.00 *3*

Customer:

Reference: rework

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180 *180*	QC21- Final Inspection - Work Order Release	0.00							
QC Quality Control	Memo	0.00							

13/12/9
PB-12-5

Picklist Print

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Page 1

Work Order ID: 109267

Parent Item: D3805-047

Start Date: 11/18/13

Required Date: 11/18/13

Parent Item Name: Wearplate Ass'y Aft High Gear

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP RevB: add transfer drill wearplate to bar DD 09.11.05 verf:EC IPP Rev:C 11.10.04 rev.b as per
dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3805-047 Wearplate Ass'y Aft High Gear		Manufactured	No				Each	0.0000		3			

POSITIVE RECALL
EFFECTIVE 3/11/18 AUTH CP
RELEASED CP DATE 13/12/13

List Lots

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Criteria : Item ID: 'D3805-041', 'D3805-043', 'D3805-043RevA', 'D3805-045', 'D3805-047', 'D3805-047RevA' All Locations All Warehouses All Quantity.

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
D3805-041 Wearplate Ass'Y Fwd Low Gear	Main Warehouse FP001	91147	10/23/13	3.0000		QC21	
	Main Warehouse FP001	93649	10/22/13	4.0000		QC21	
	Main Warehouse FP002	76779	10/03/13	1.0000		QC21	
	Main Warehouse FP002	91144	10/03/13	2.0000		QC21	
	Main Warehouse FP002	93651	10/03/13	1.0000		QC21	
		Total:		11.0000			
D3805-043 Wearplate Ass'Y Fwd High Gear	Main Warehouse FP001	77584	9/11/13	2.0000		QC21	
	Main Warehouse FP002	86277	11/14/13	7.0000		QC21	
		Total:		9.0000			
D3805-045 Wearplate Ass'Y Aft Low Gear	Main Warehouse FP001	93654	10/23/13	4.0000		QC21	
	Main Warehouse FP002	73817	10/03/13	1.0000		QC21	
	Main Warehouse FP002	74896	10/03/13	1.0000		QC21	
	Main Warehouse FP002	87186	10/03/13	4.0000		QC21	
		Total:		10.0000			

109264

109265

109266

List Lots

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Criteria : Item ID: 'D3805-041', 'D3805-043', 'D3805-043RevA', 'D3805-045', 'D3805-047', 'D3805-047RevA' All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
D3805-047 Wearplate Ass'y Aft High Gear	Main Warehouse FP002	77585	8/08/13	2.0000		QC21	
	Main Warehouse FP002	88968	8/08/13	1.0000		QC21	
Total:				3.0000			

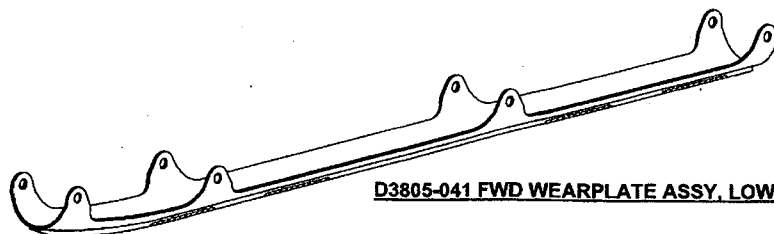
109267

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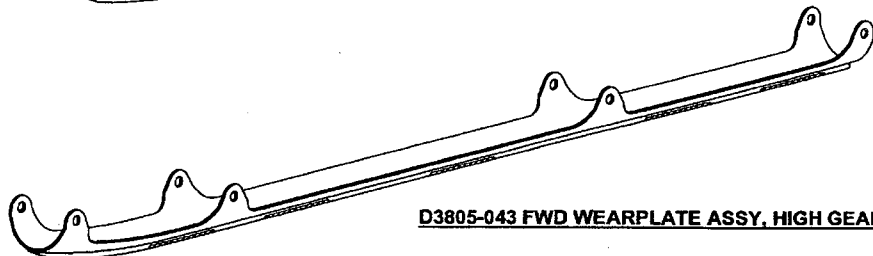
List Lots

Page 2 of 2

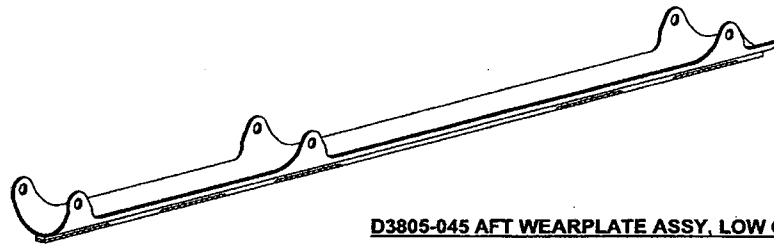
8 7 6 5 4



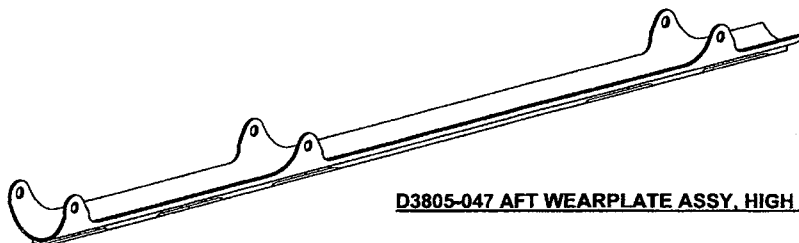
D3805-041 FWD WEARPLATE ASSY, LOW GEAR



D3805-043 FWD WEARPLATE ASSY, HIGH GEAR



D3805-045 AFT WEARPLATE ASSY, LOW GEAR



D3805-047 AFT WEARPLATE ASSY, HIGH GEAR

8 7 6 5 4

ITEM	QTY -041	QTY -043	QTY -045	QTY -047	P/N	DESCRIPTION
1	X				D3805-041	FWD WEARPLATE ASSY, LOW GEAR
2		X			D3805-043	FWD WEARPLATE ASSY, HIGH GEAR
3			X		D3805-045	AFT WEARPLATE ASSY, LOW GEAR
4				X	D3805-047	AFT WEARPLATE ASSY, HIGH GEAR
11	1				D3805-1	PLATE
12		1			D3805-3	PLATE
13			1		D3805-5	PLATE
14				1	D3805-7	PLATE
15	1				D3806-1	BAR
16		1			D3806-3	BAR
17			1		D3806-5	BAR
18				1	D3806-7	BAR
19	1				D3807-1	GASKET
20		1			D3807-3	GASKET
21			1		D3807-5	GASKET
22				1	D3807-7	GASKET
31	A/R	A/R	A/R	A/R	2059B	HARDCOAT
32	A/R	A/R	A/R	A/R	1300 (OR 1300L)	3M SCOTCH-GRIP ADHESIVE

Remove ITEMS 19, 20,
21 & 22, ADD ROCKGUARD

UNDER REVIEW

DB 13.10.06

RELEASED
2011-10-03

109267

B	REVISED D3805-1F1-3F TO EASE MANUFACTURABILITY (ADDED CUTOUT AT FWD END OF PLATE PER PAR11-106) AND RE-ORGANIZED NOTES SHEETS 2 & 3	MB	11.09.16
A	NEW ISSUE	MB	08.11.21
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE USA, INC.	
DRAWN		KENT, WA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3805	SHEET 1 OF 8
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSY	NTS
DATE	11.09.16	<small>COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

Linda Lacelle

From: Mike Petsche
Sent: November-15-13 10:42 AM
To: Linda Lacelle
Cc: Marc Bellavance
Subject: RE: D3805

If it's actually worth the time to do that, then yes.

From: Linda Lacelle
Sent: Friday, November 15, 2013 10:41 AM
To: Mike Petsche
Cc: Marc Bellavance
Subject: RE: D3805

Sorry to continue on with this, but I just thought...If the only change is the gasket vs rocker guard, could we not just rework - remove the gasket and add the rocker guard?

From: Mike Petsche
Sent: November-15-13 10:39 AM
To: Linda Lacelle
Cc: Marc Bellavance
Subject: RE: D3805

If we don't NEED them....maybe you should. We are submitting the latest changes to FAA in the next week or so.....

From: Linda Lacelle
Sent: Friday, November 15, 2013 10:07 AM
To: Mike Petsche
Cc: Marc Bellavance
Subject: RE: D3805

Right now they are just for stk, so, should we scrap them?

From: Mike Petsche
Sent: November-15-13 10:07 AM

To: Linda Lacelle
Cc: Marc Bellavance
Subject: RE: D3805

Are they for Ft. Rucker?

I don't THINK that we are supposed to ship them parts with gaskets anymore. If they are for someone else we can ship

From: Linda Lacelle
Sent: Friday, November 15, 2013 9:01 AM
To: Mike Petsche
Cc: Marc Bellavance
Subject: D3805
Importance: High

These are still U/R, we have some in stock, and have tubes to assemble, can we use them??

Linda Lacelle
Production manager
Dart Aerospace